

FIG. 1

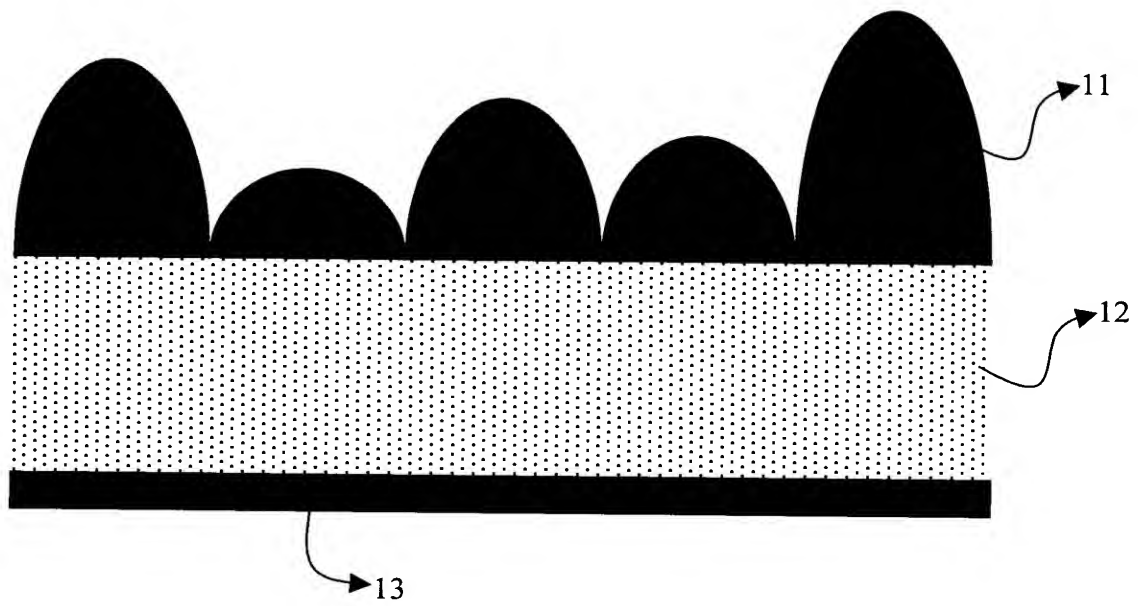


FIG. 2

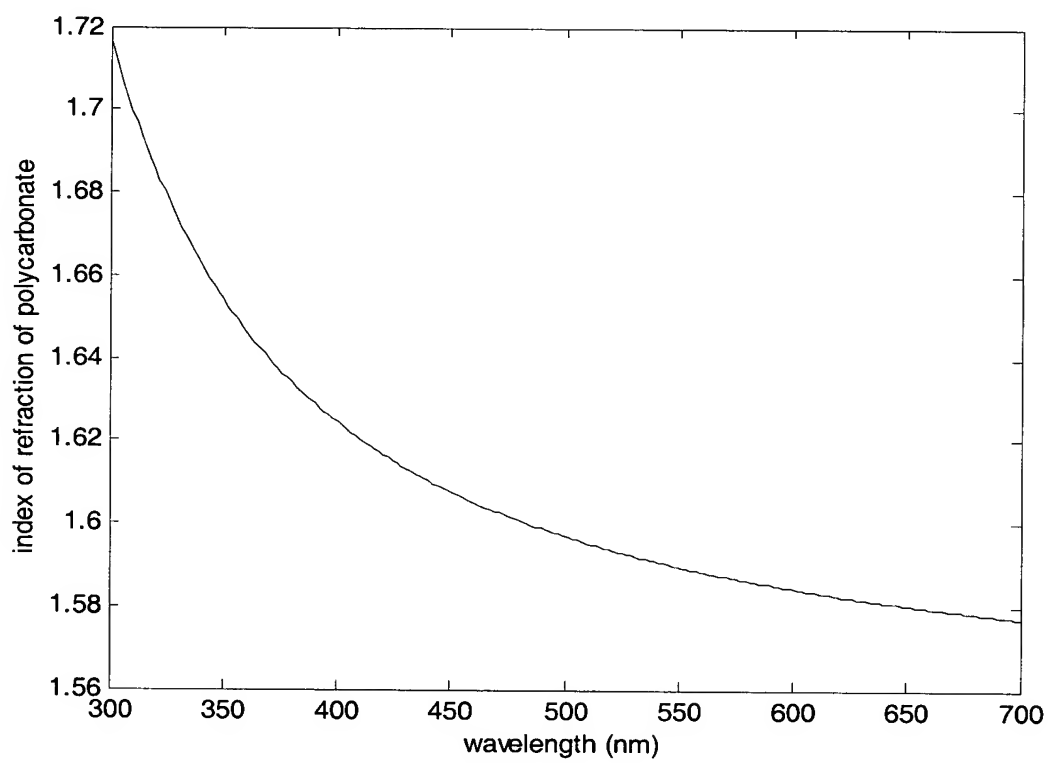


FIG. 3

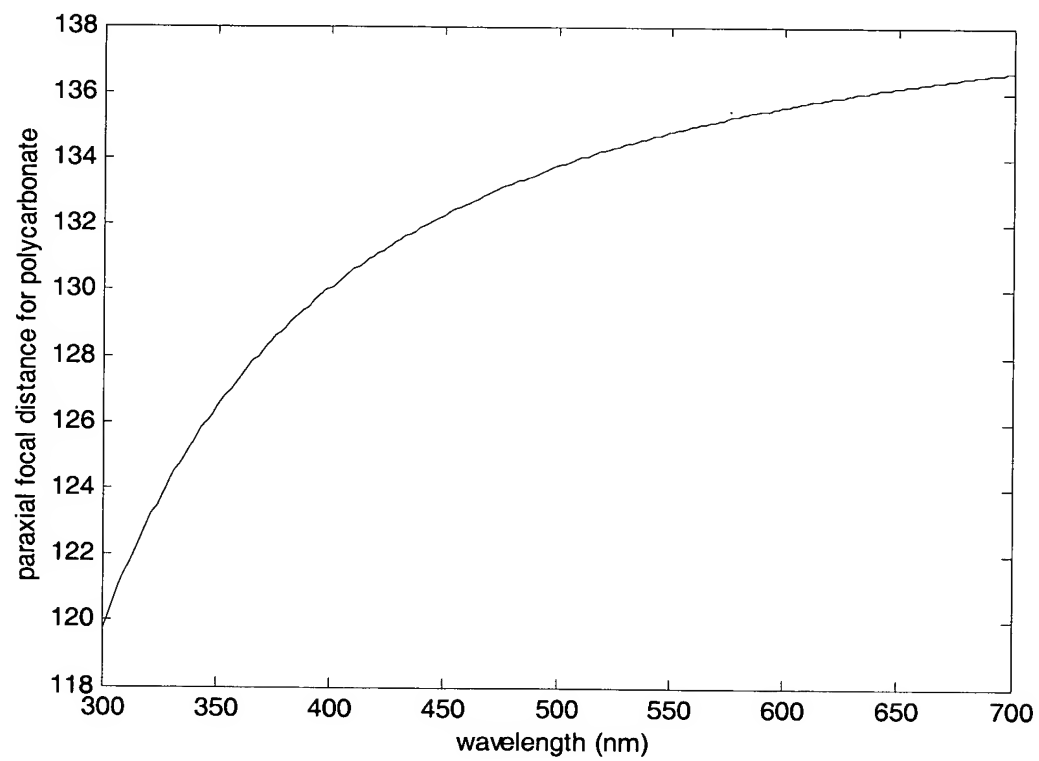


FIG. 4

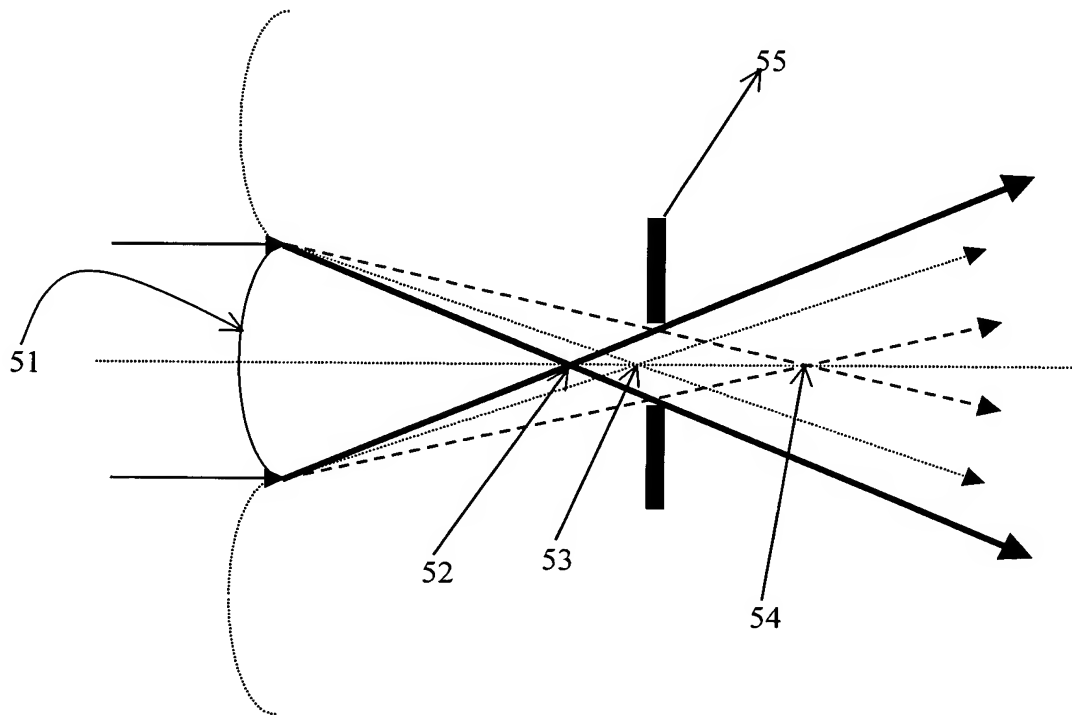


FIG. 5

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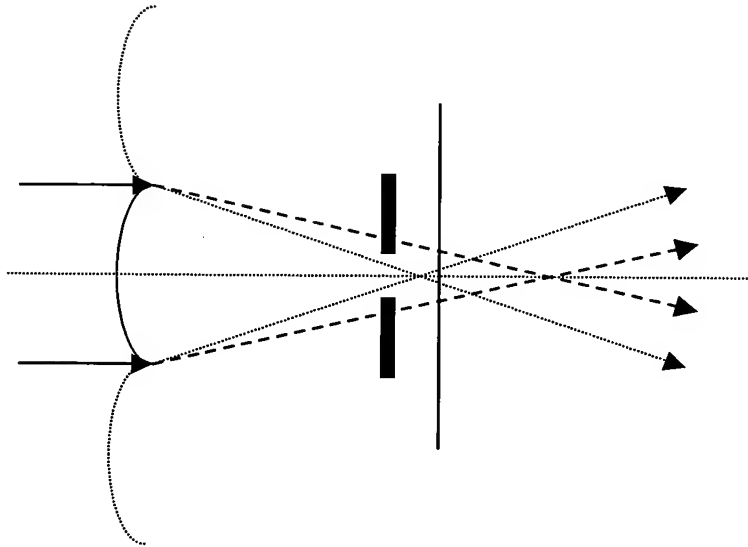


FIG. 6A

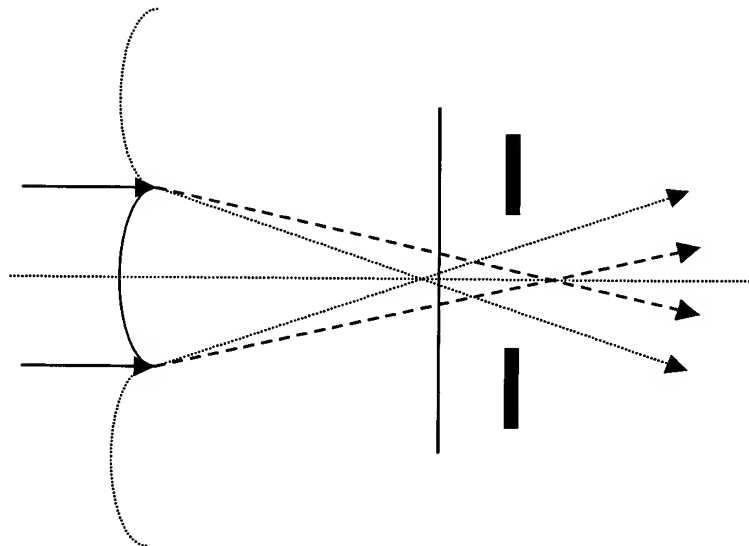


FIG. 6B

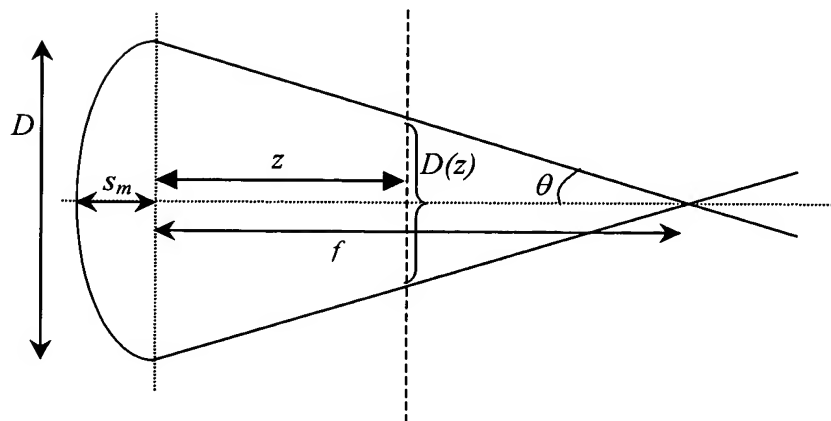


FIG. 7

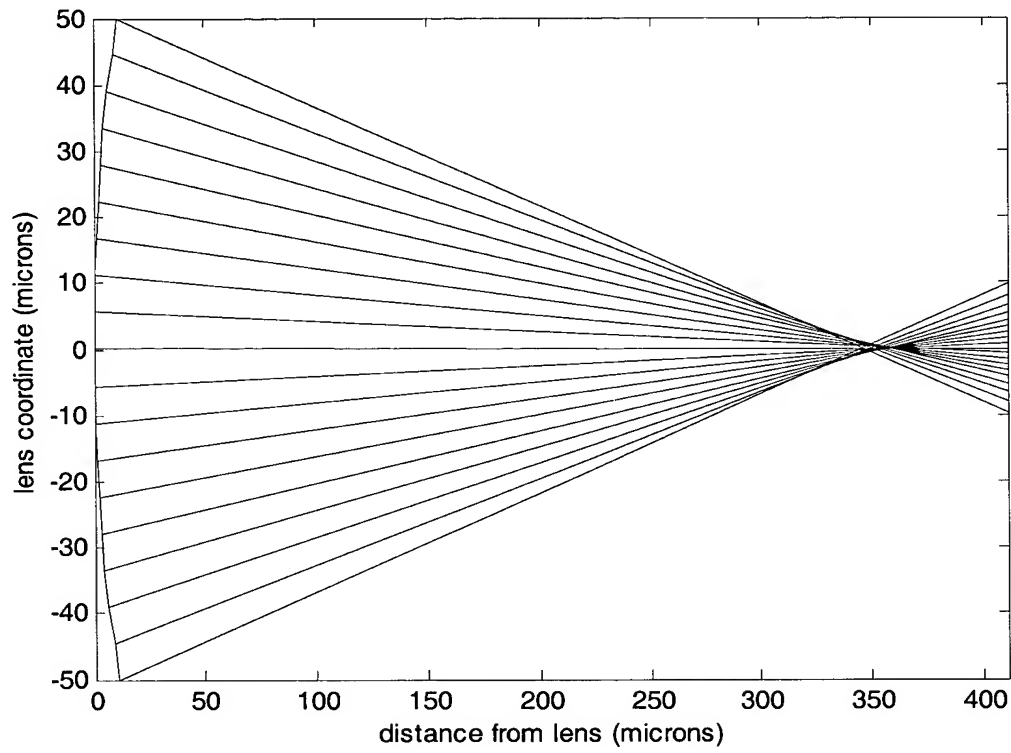


FIG. 8

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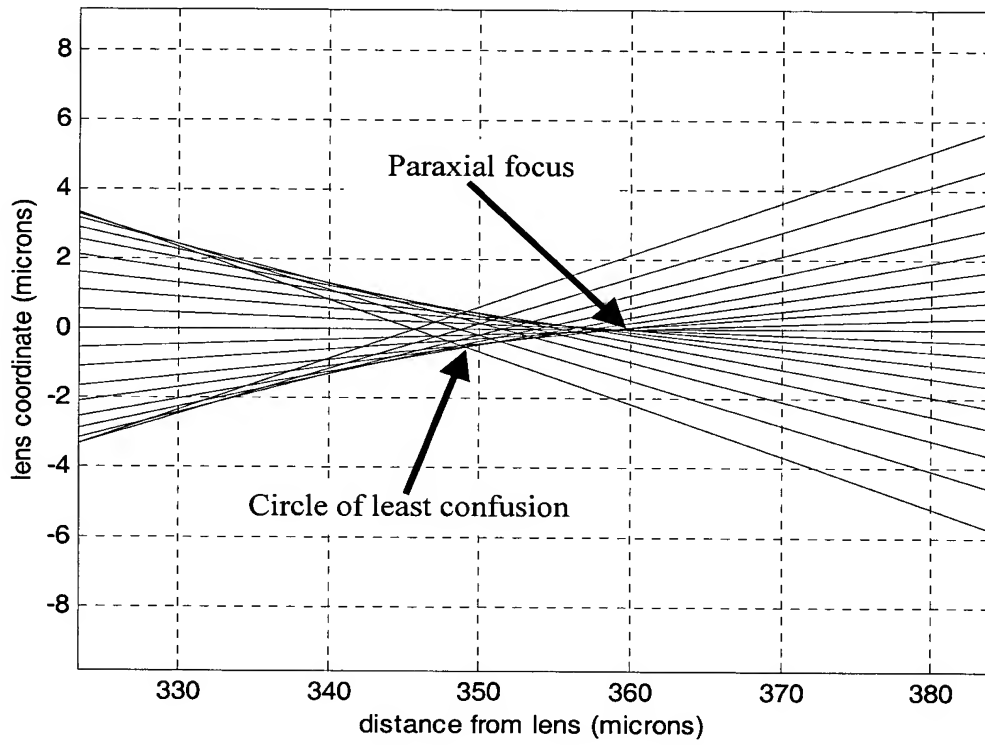


FIG. 9

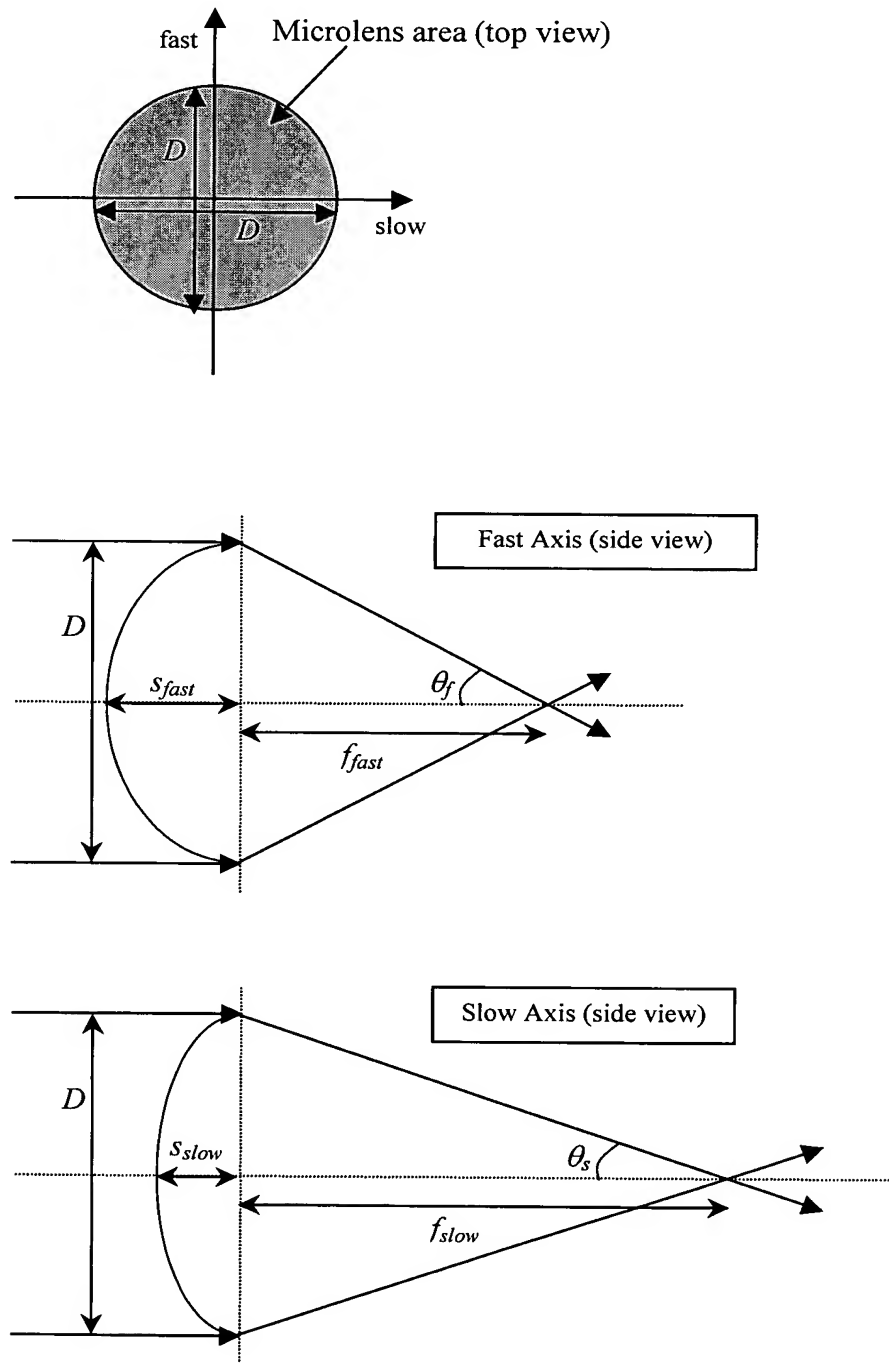


FIG. 10

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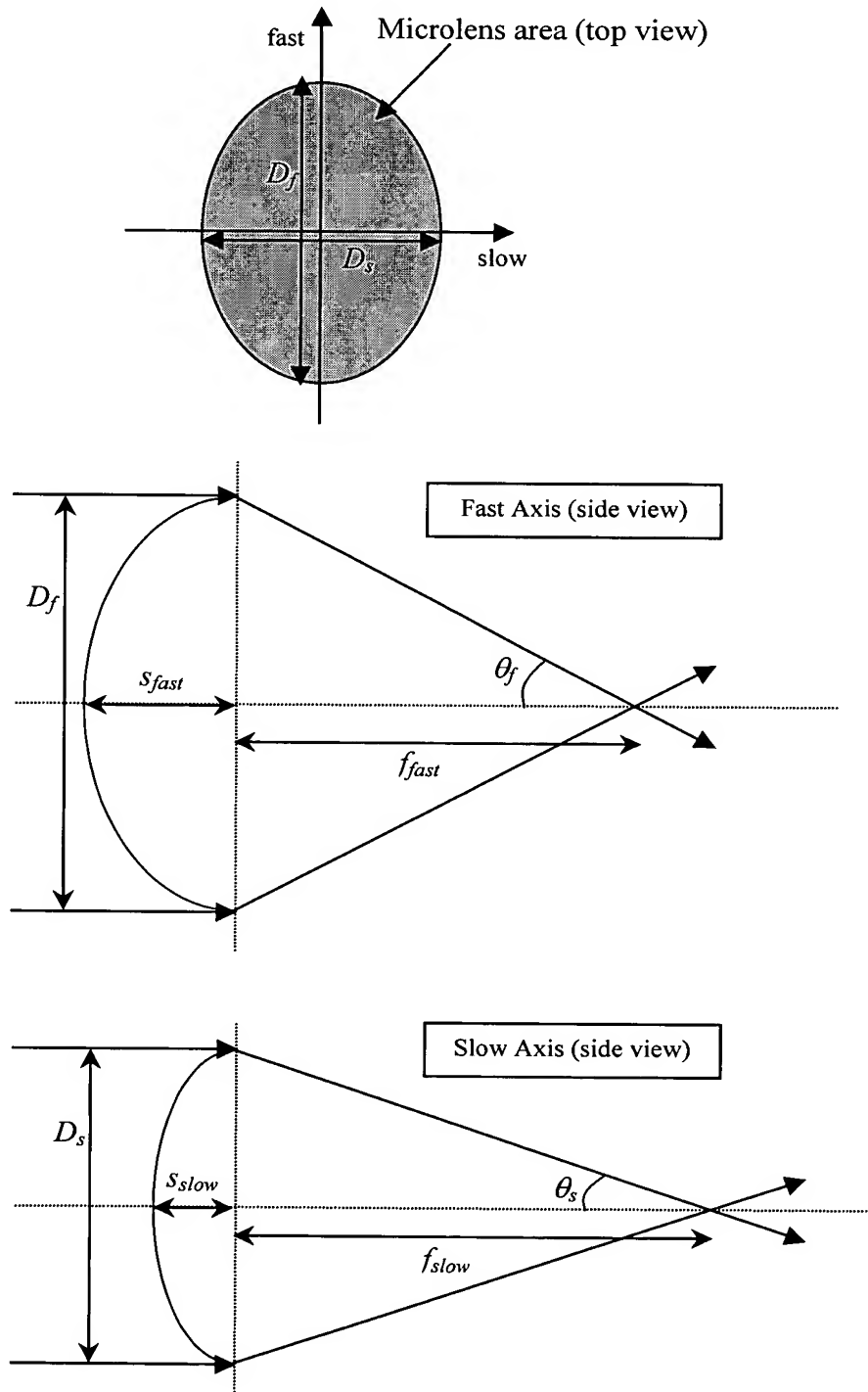


FIG. 11

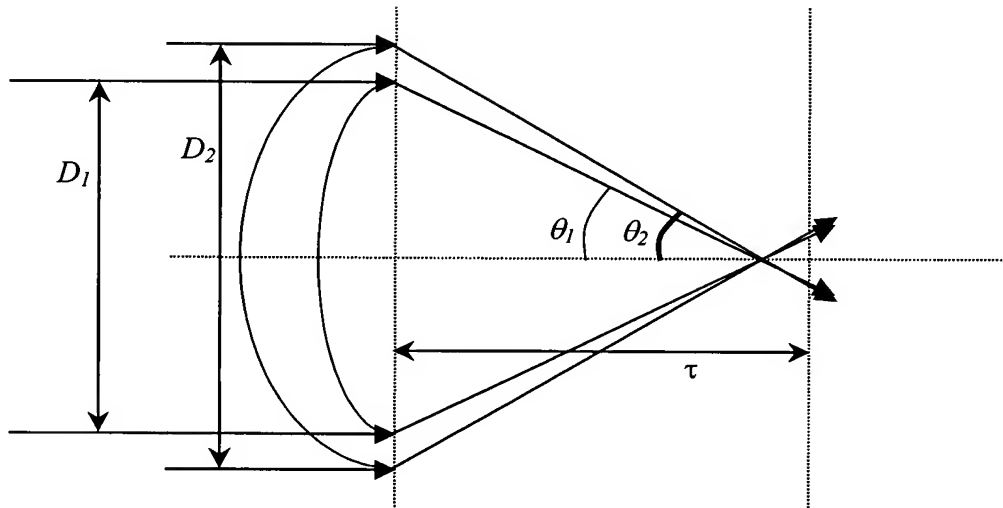


FIG. 12

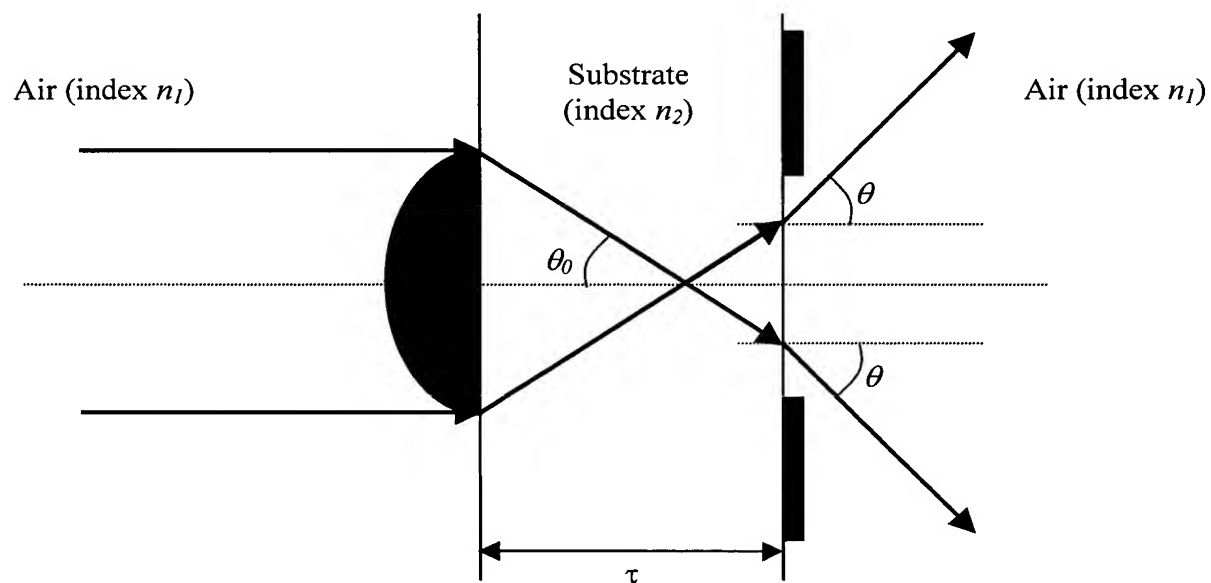


FIG. 13

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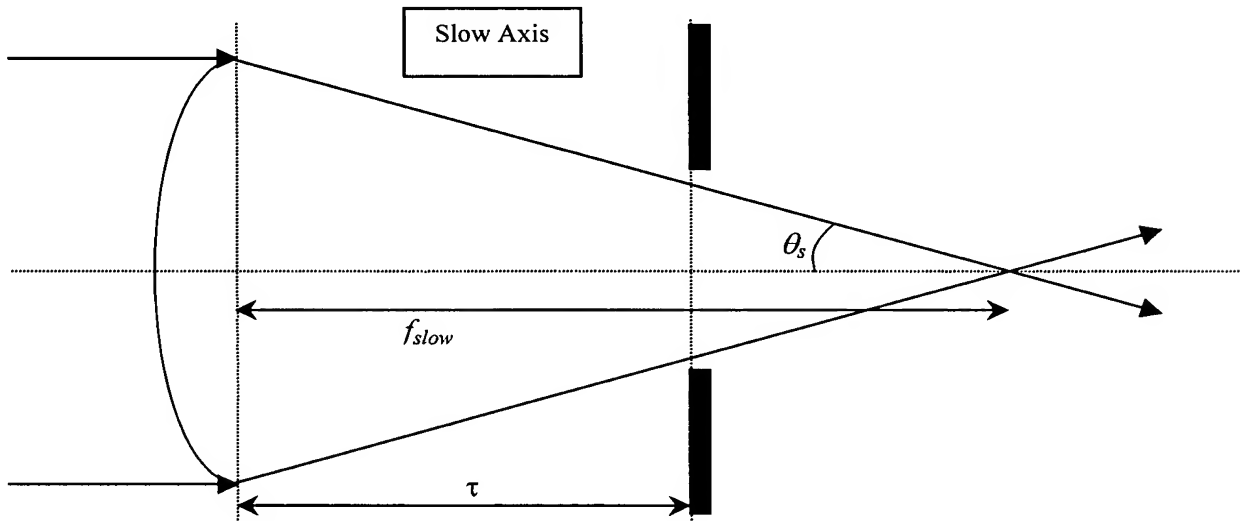
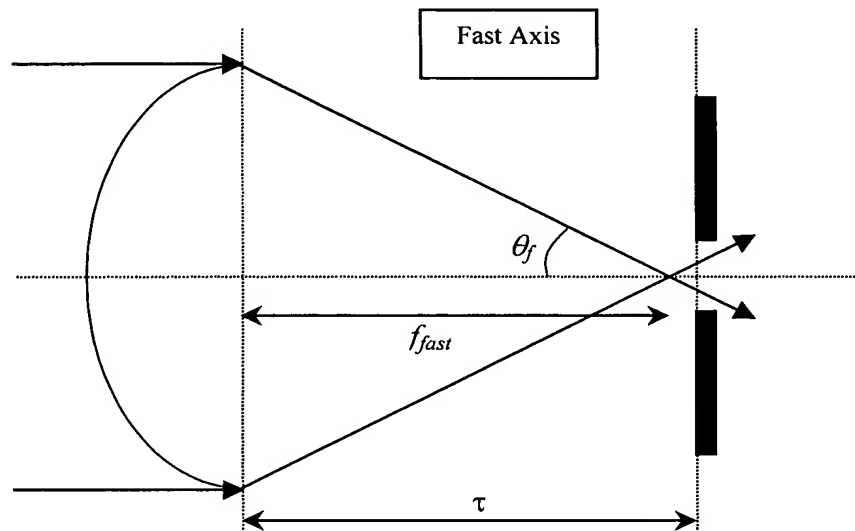


FIG. 14

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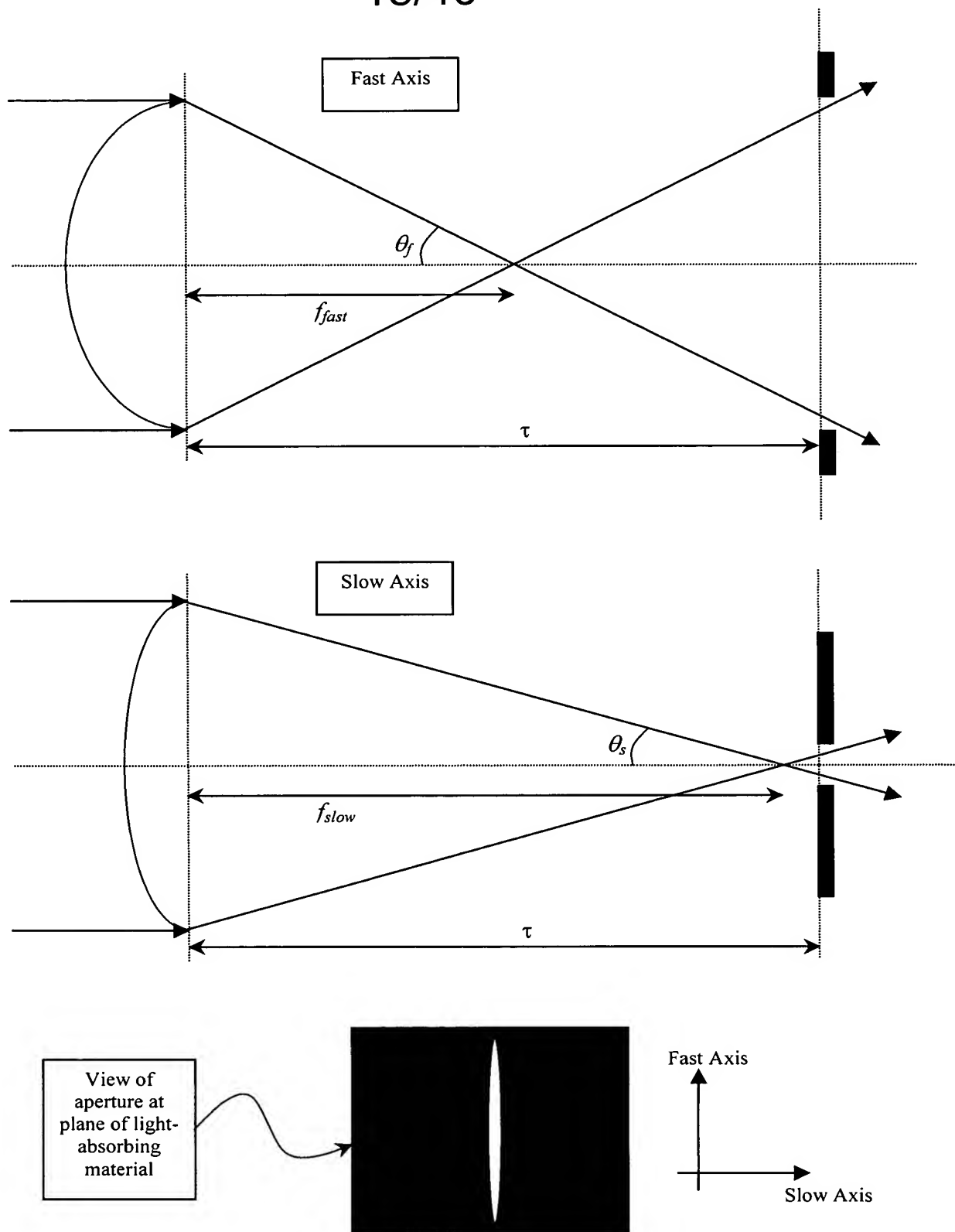


FIG. 15

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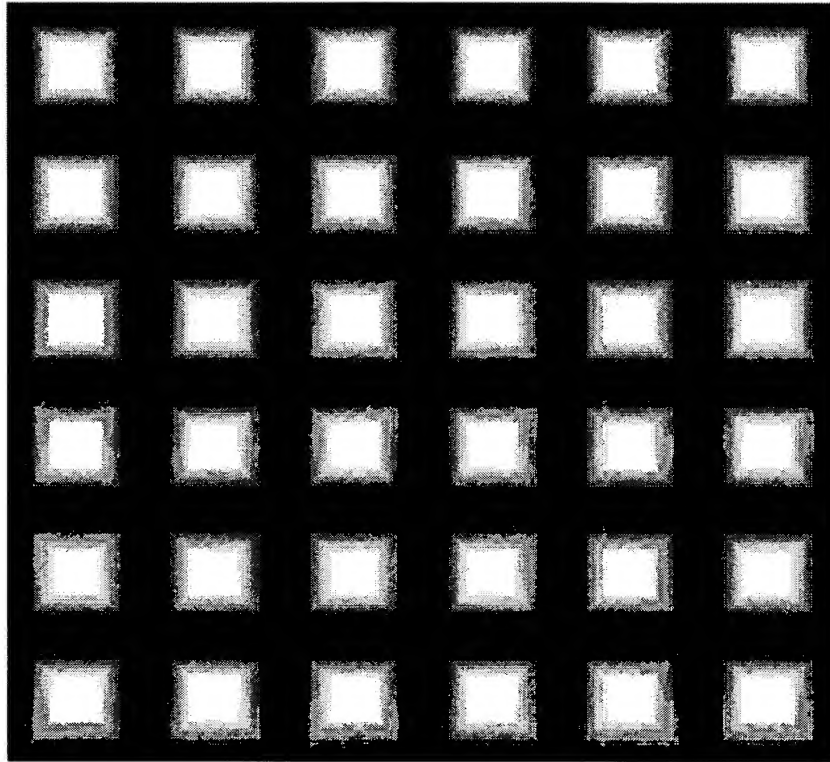


FIG. 16

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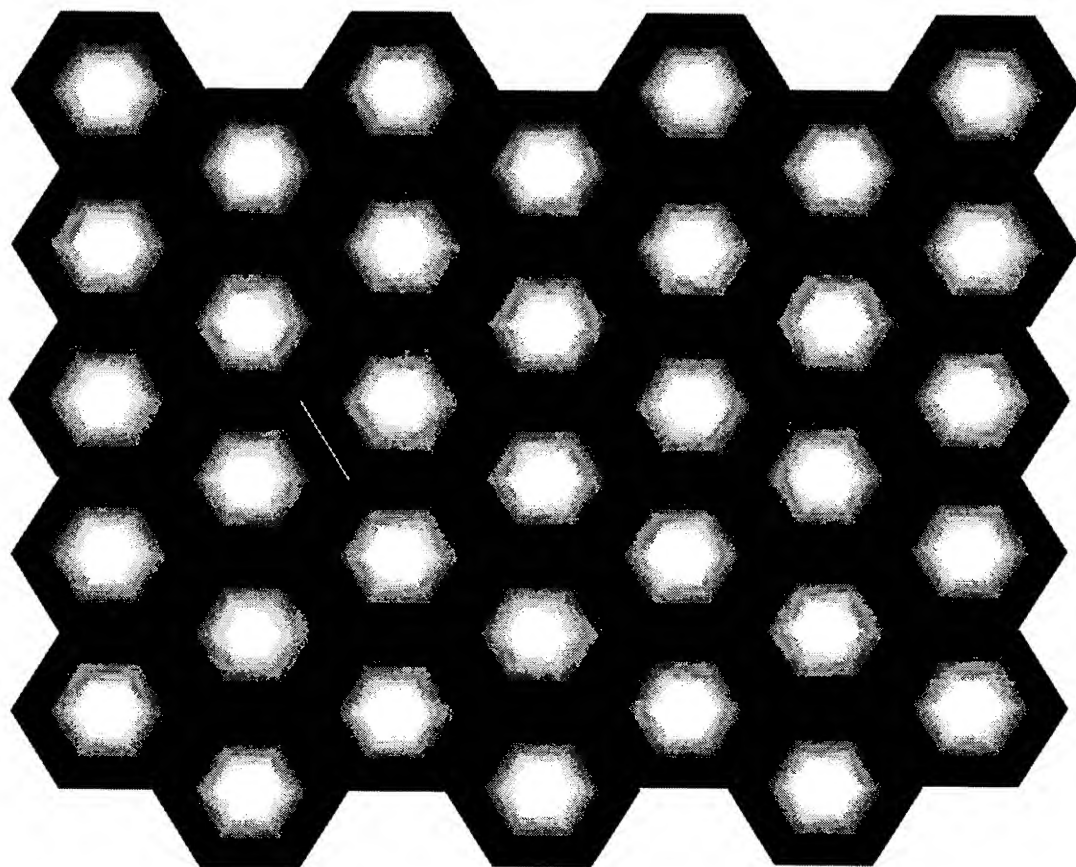


FIG. 17

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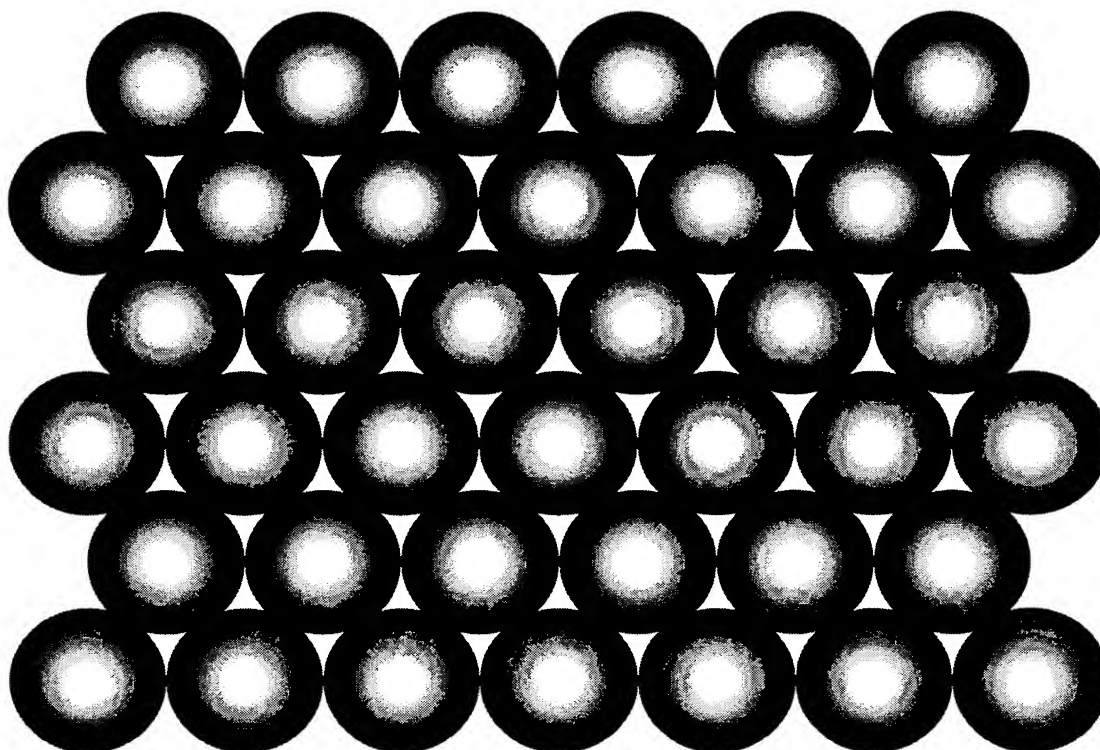


FIG. 18

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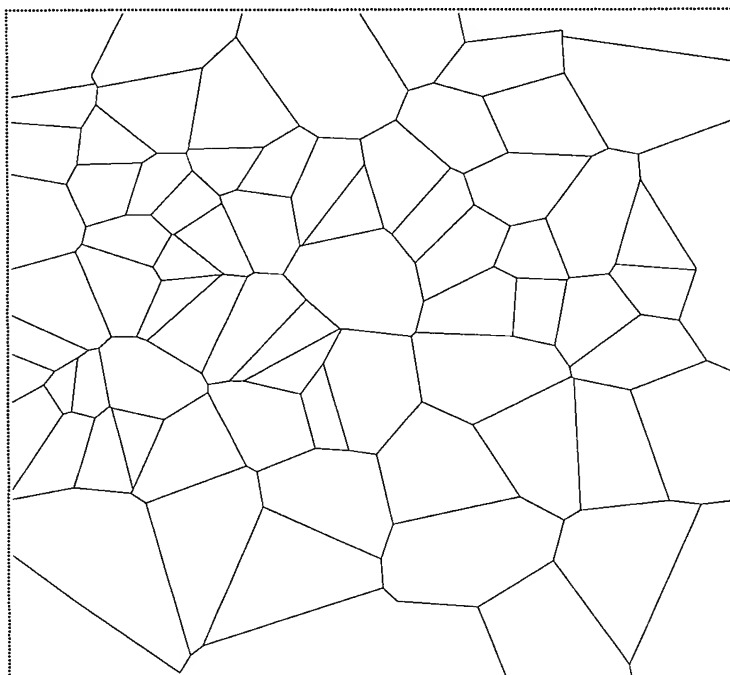


FIG. 19

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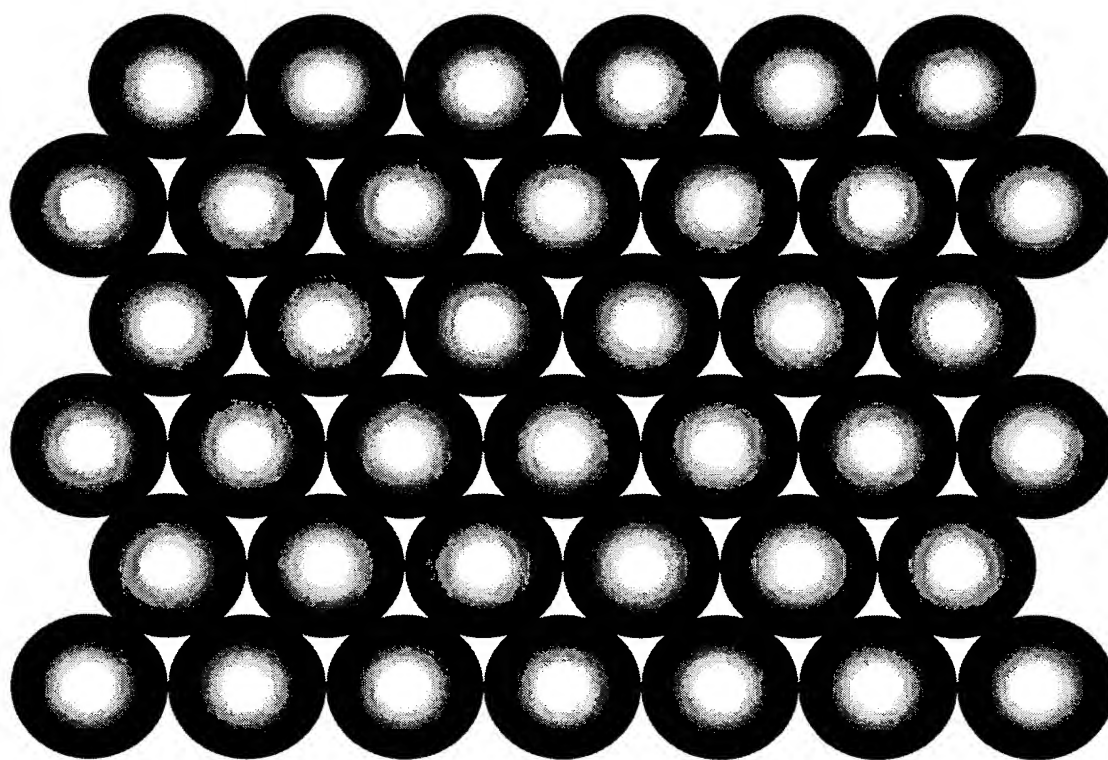


FIG. 20A

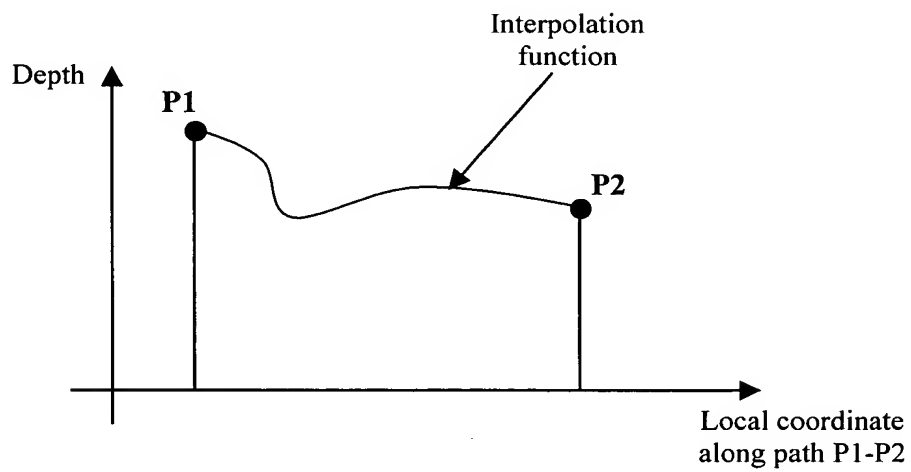
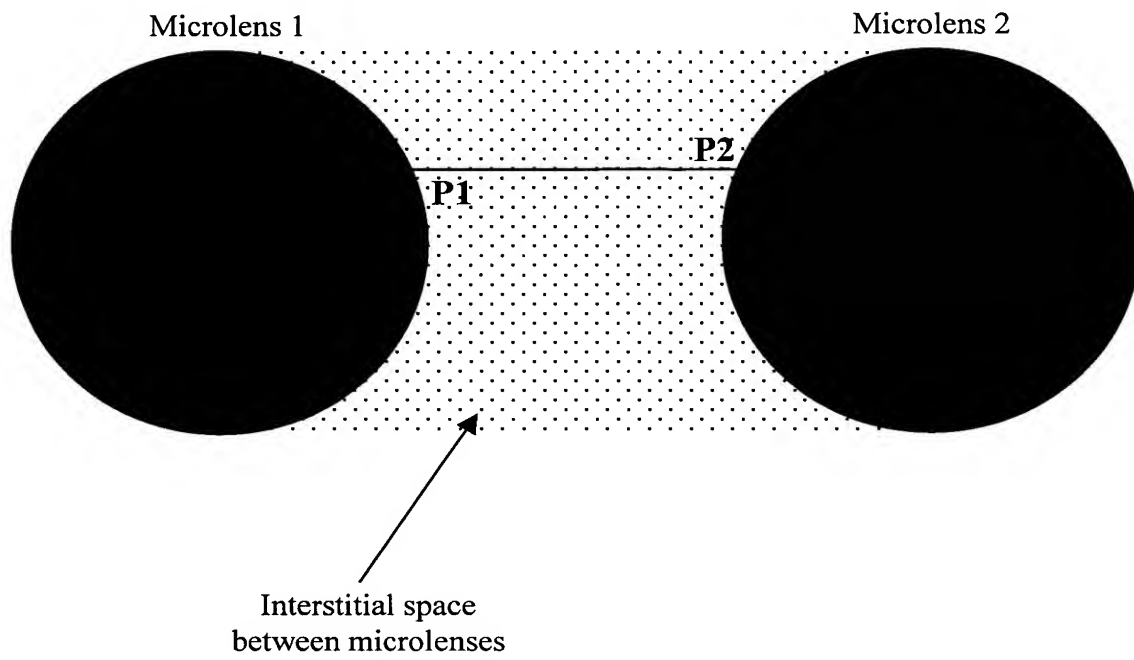


FIG. 20B

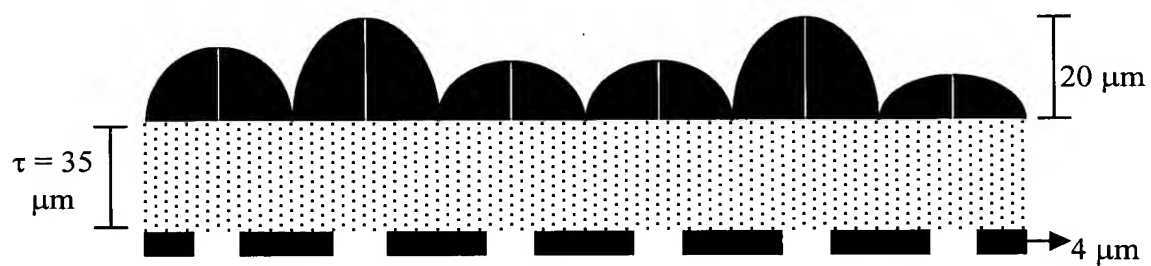


FIG. 21

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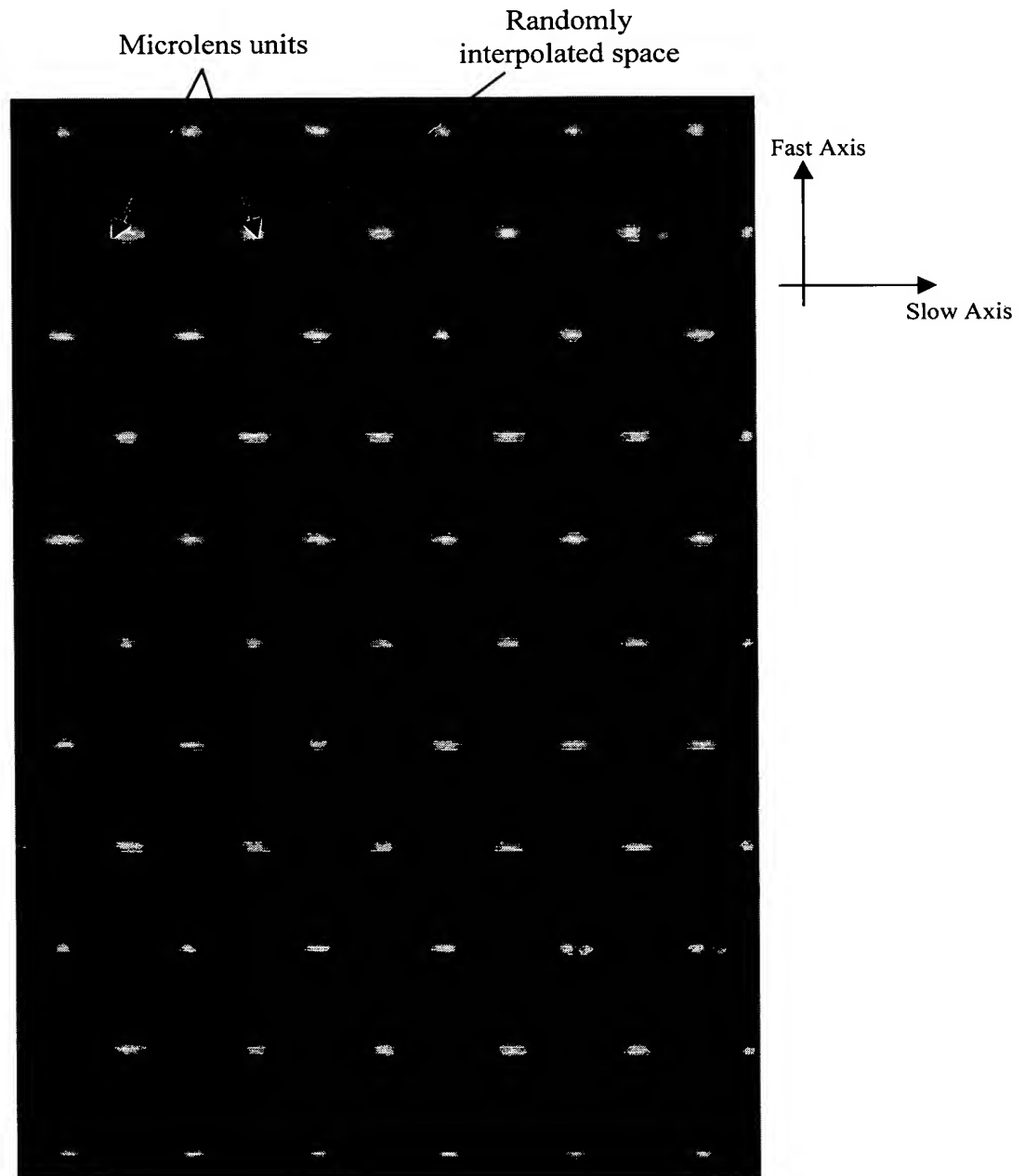


FIG. 22

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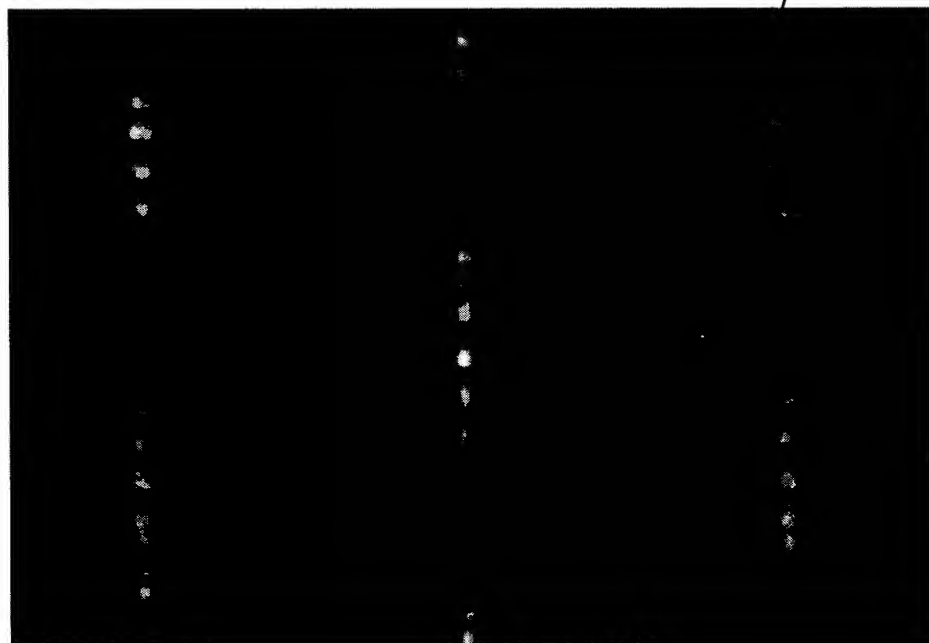
Slow Axis



Fast Axis



Apertures



Light-absorbing material



FIG. 23

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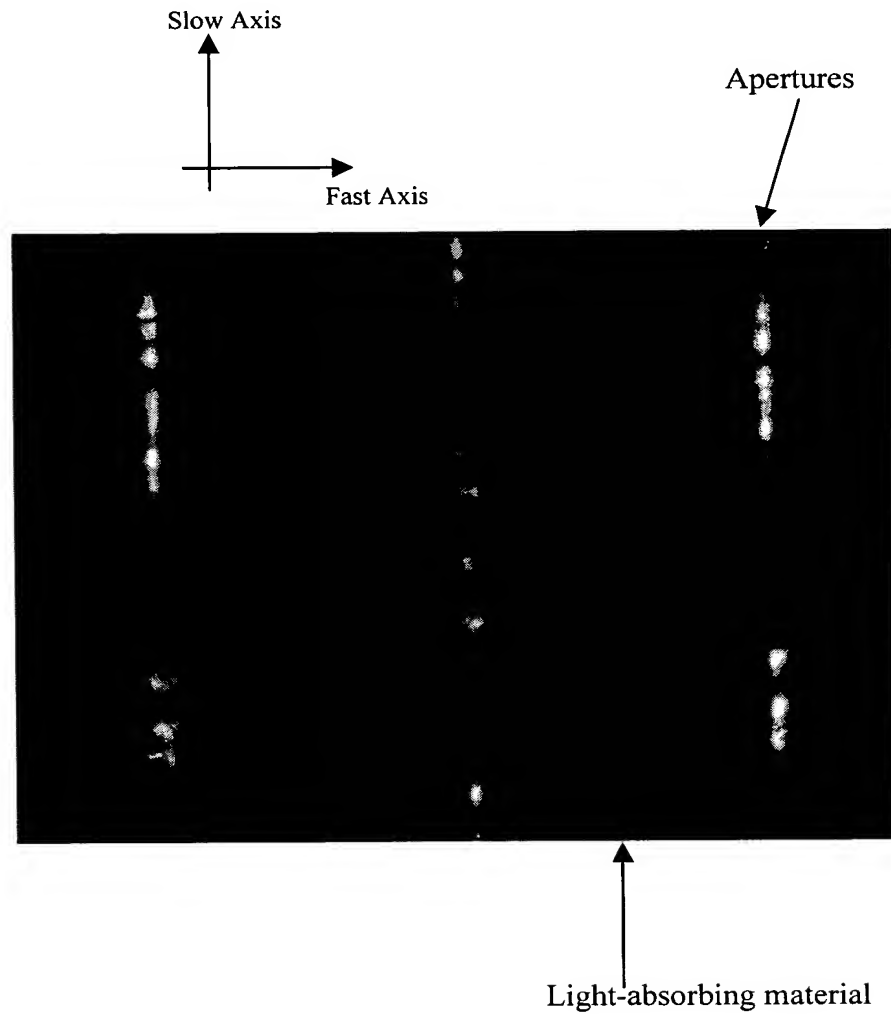


FIG. 24

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Target thickness for substrate: 50 microns
Total depth of microlens array: 20 microns

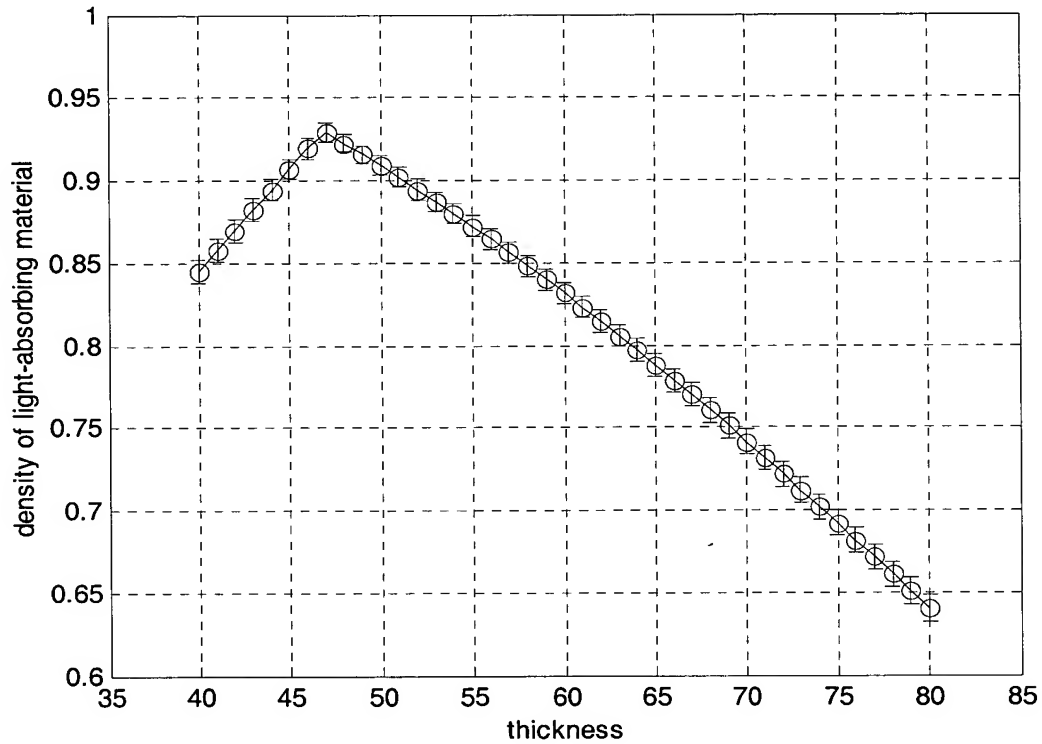


FIG. 25

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Target thickness for substrate: 50 microns
Total depth of microlens array: 30 microns

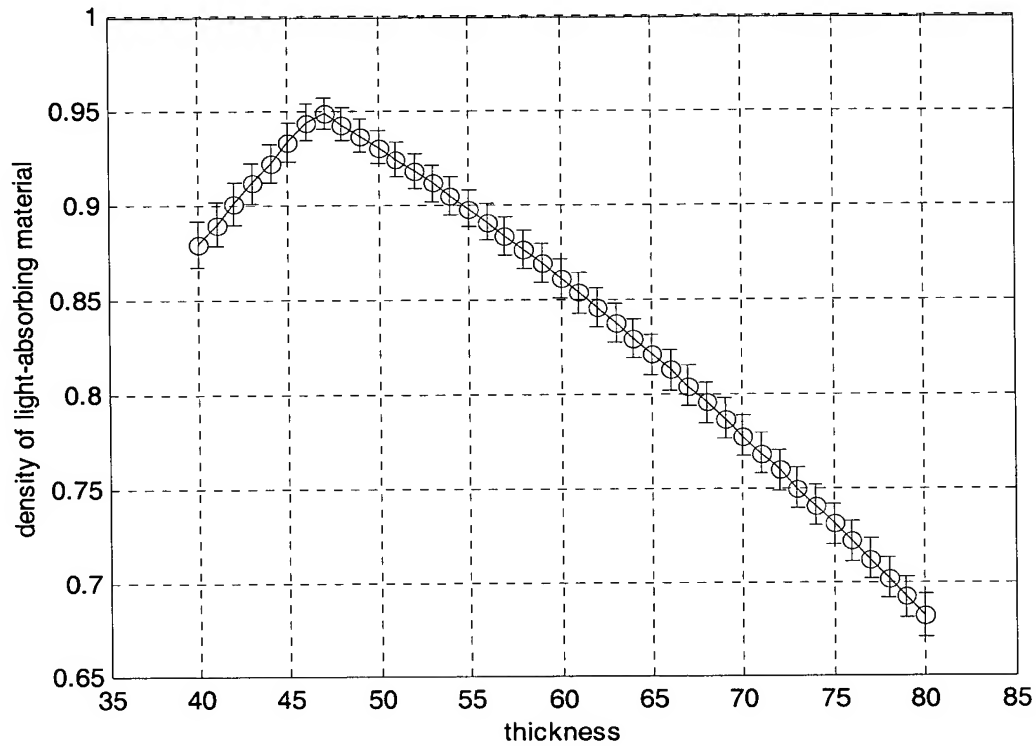


FIG. 26

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Target thickness for substrate: 75 microns
Total depth of microlens array: 20 microns

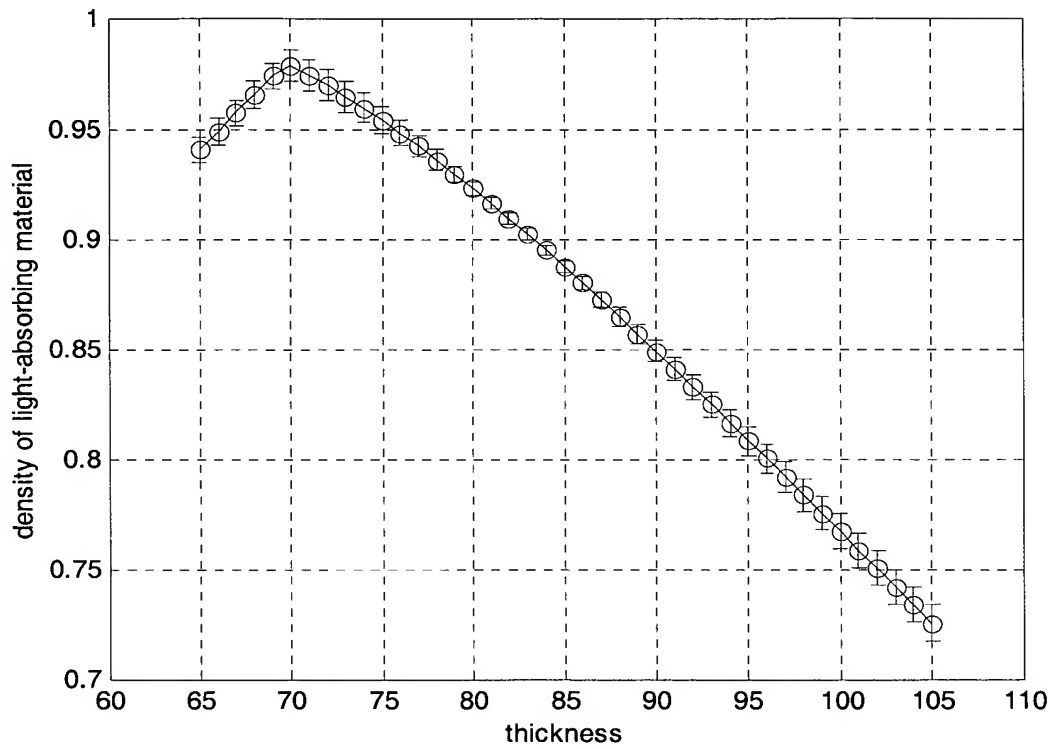


FIG. 27

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Target thickness for substrate: 75 microns
Total depth of microlens array: 30 microns

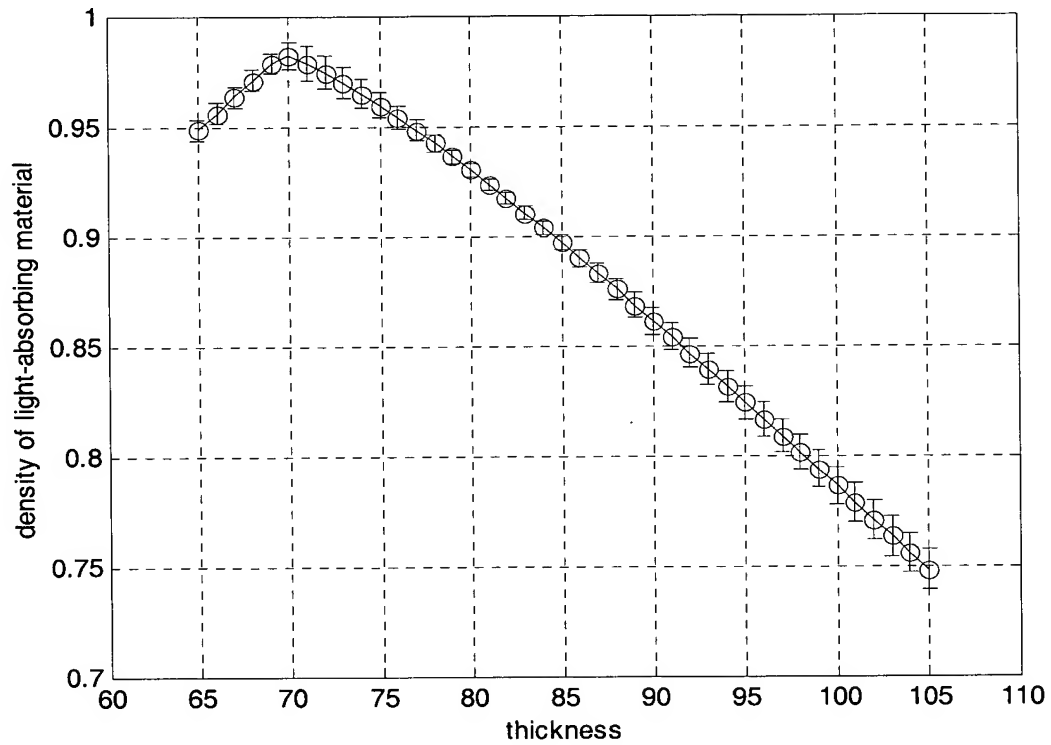


FIG. 28

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Target thickness for substrate: 100 microns
Total depth of microlens array: 20 microns

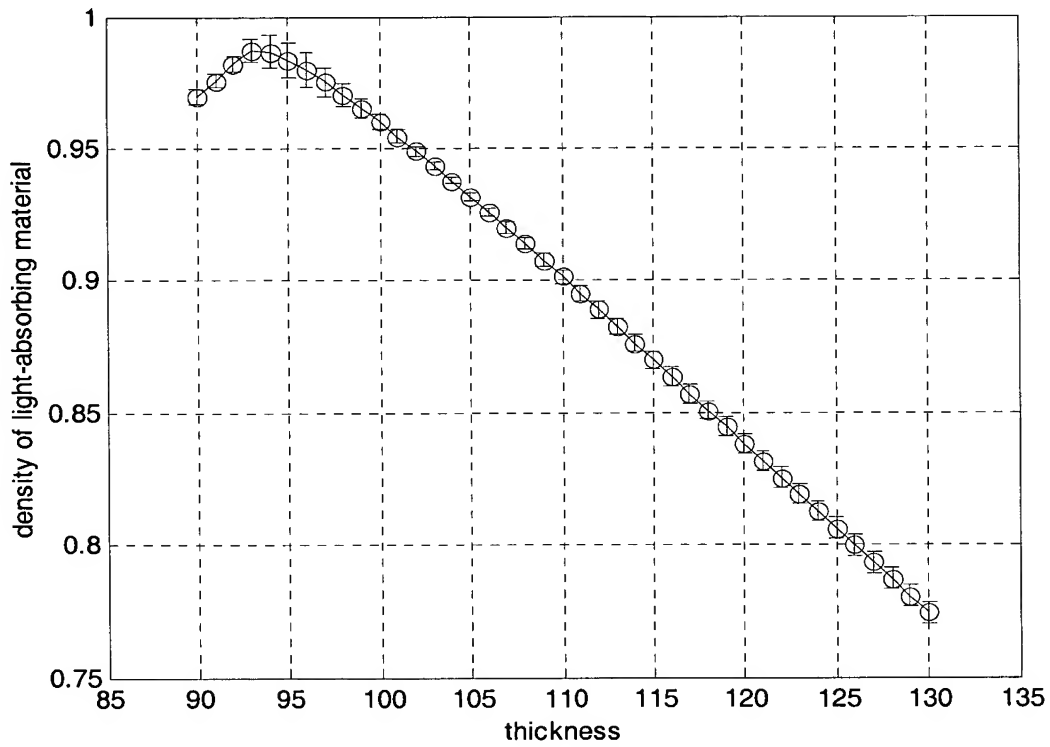


FIG. 29

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Target thickness for substrate: 100 microns
Total depth of microlens array: 30 microns

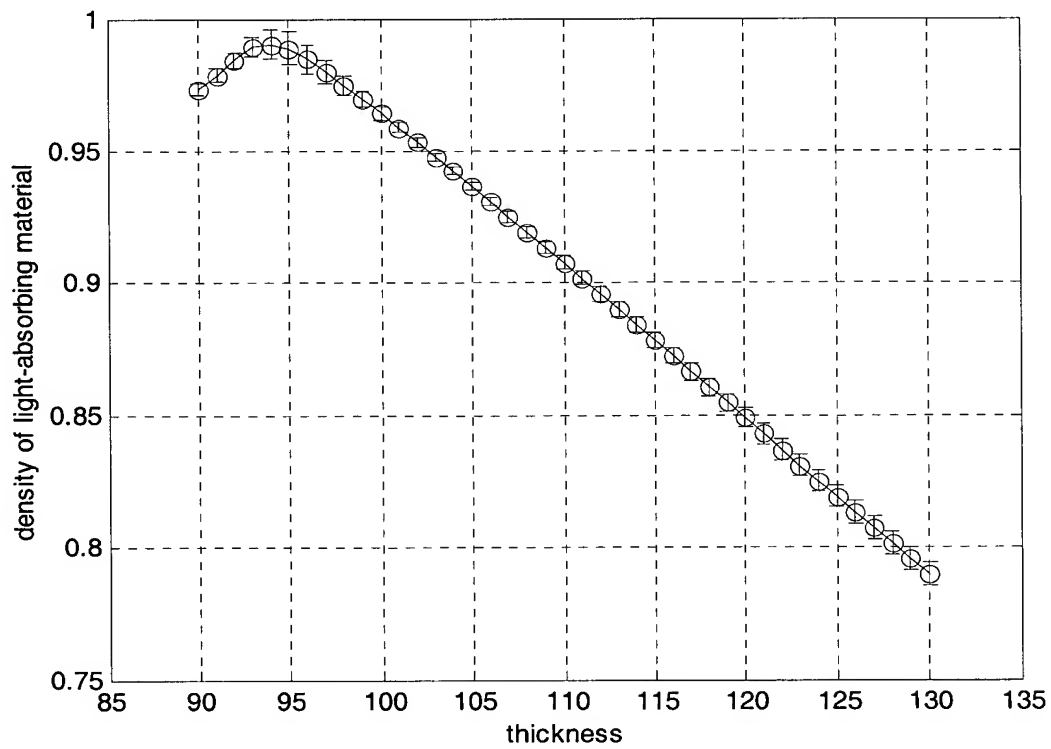


FIG. 30

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Target thickness for substrate: 125 microns
Total depth of microlens array: 20 microns

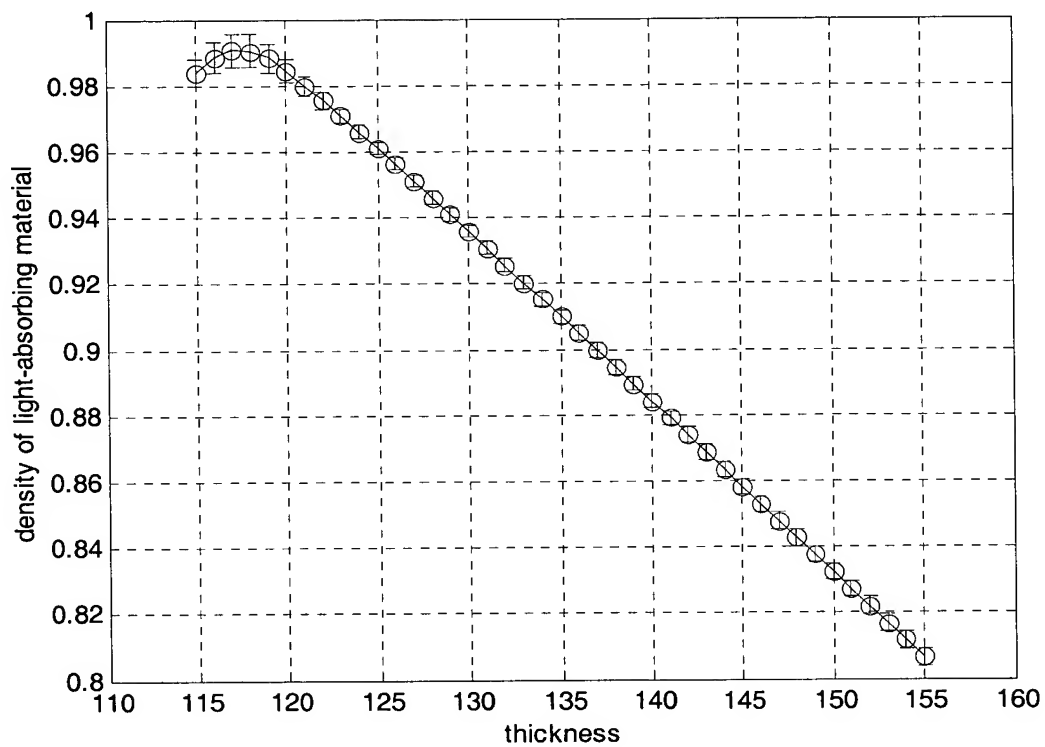


FIG. 31

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Target thickness for substrate: 125microns
Total depth of microlens array: 30 microns

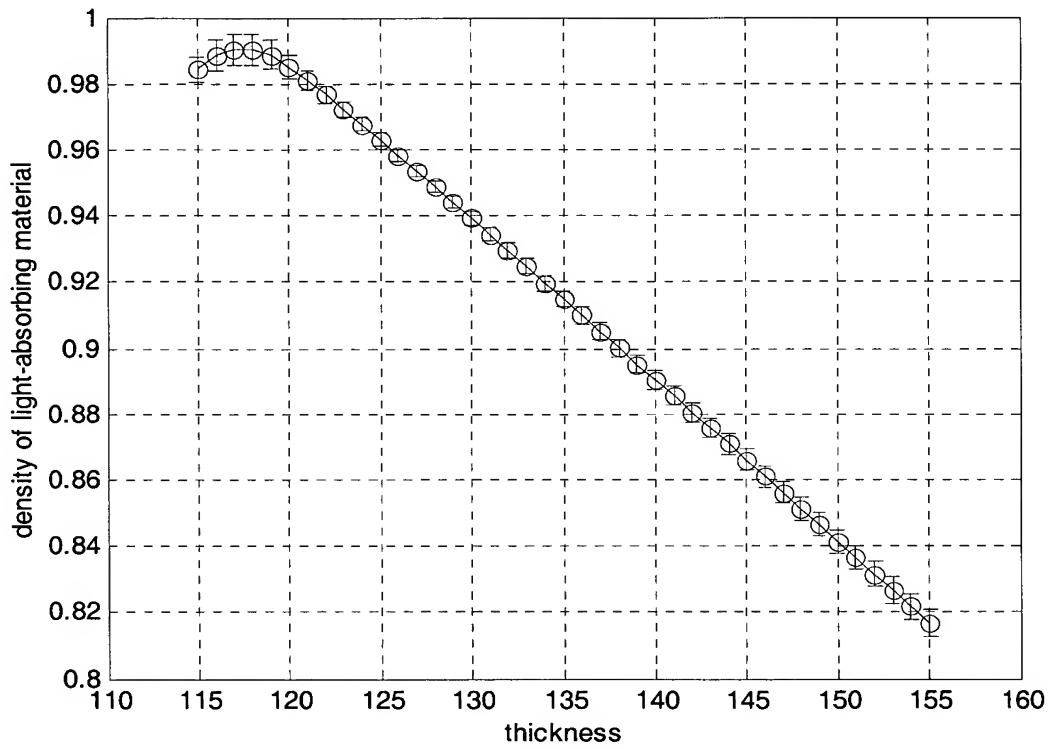


FIG. 32

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Prior Art

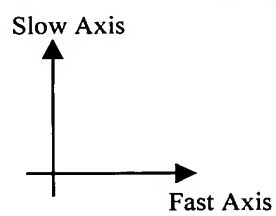
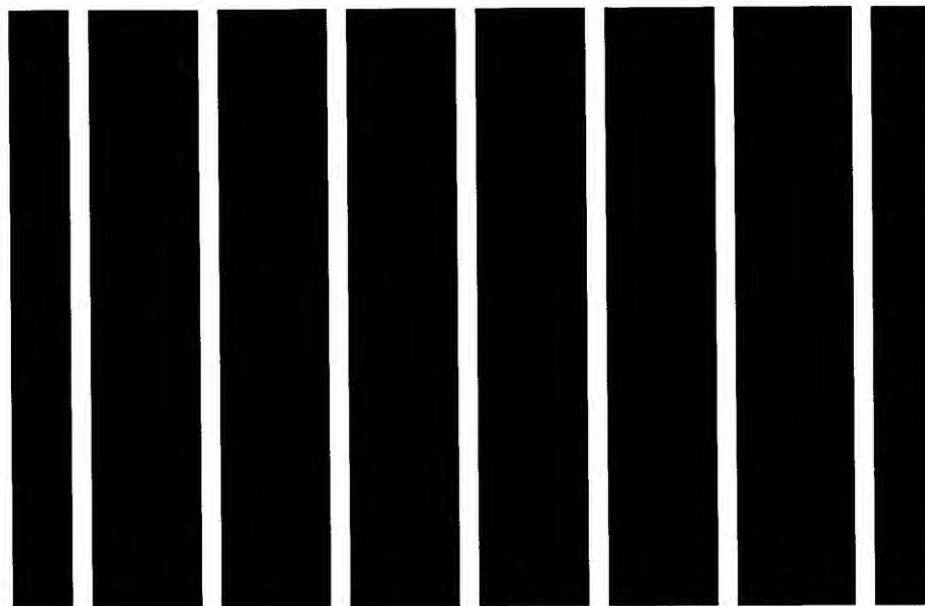


FIG. 33

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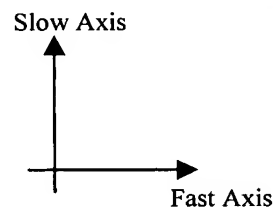
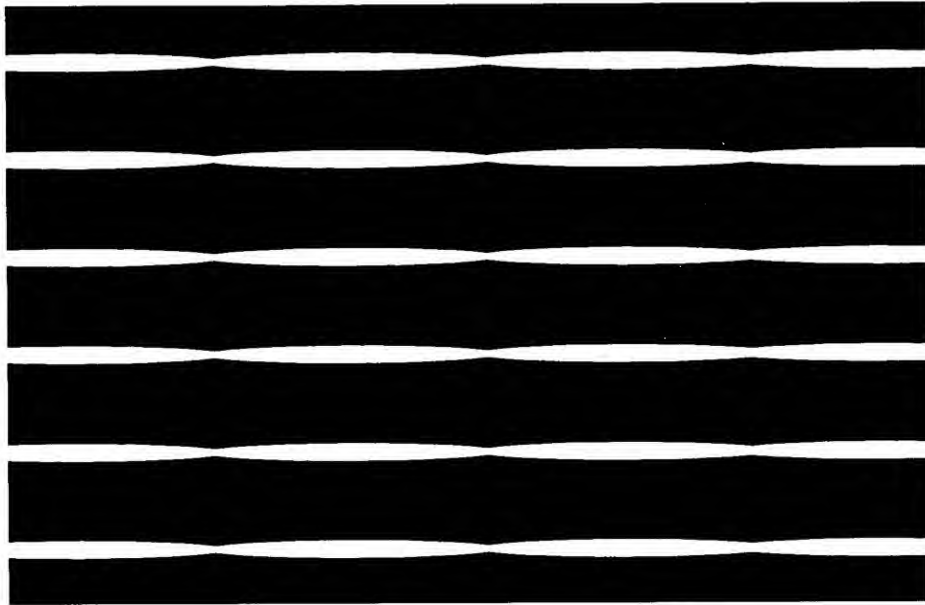


FIG. 34

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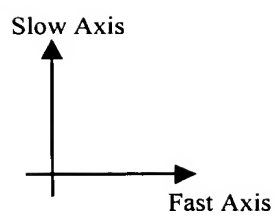
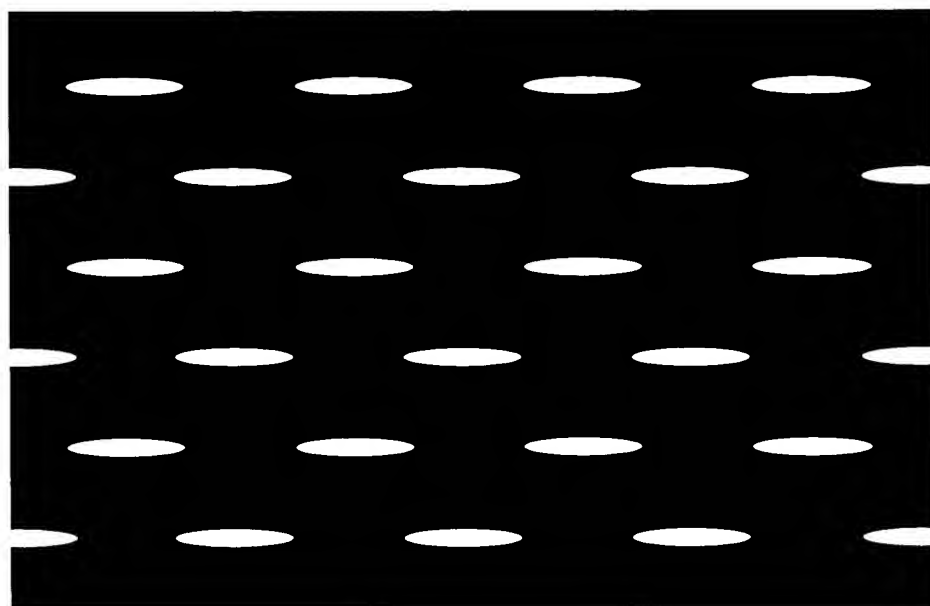


FIG. 35

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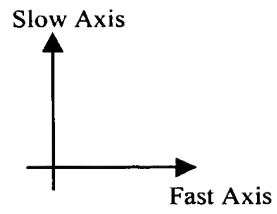
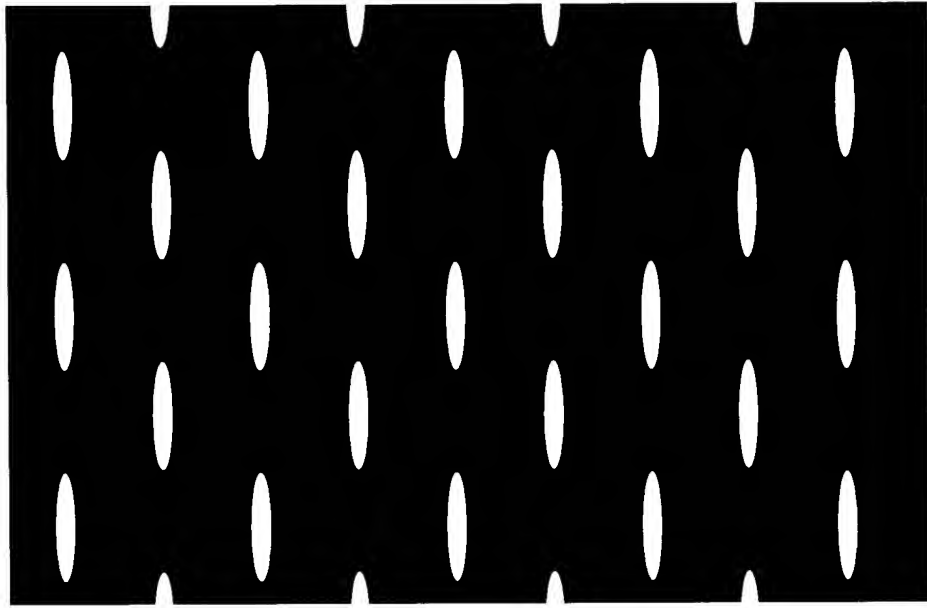


FIG. 36

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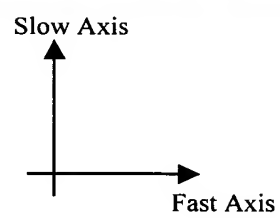
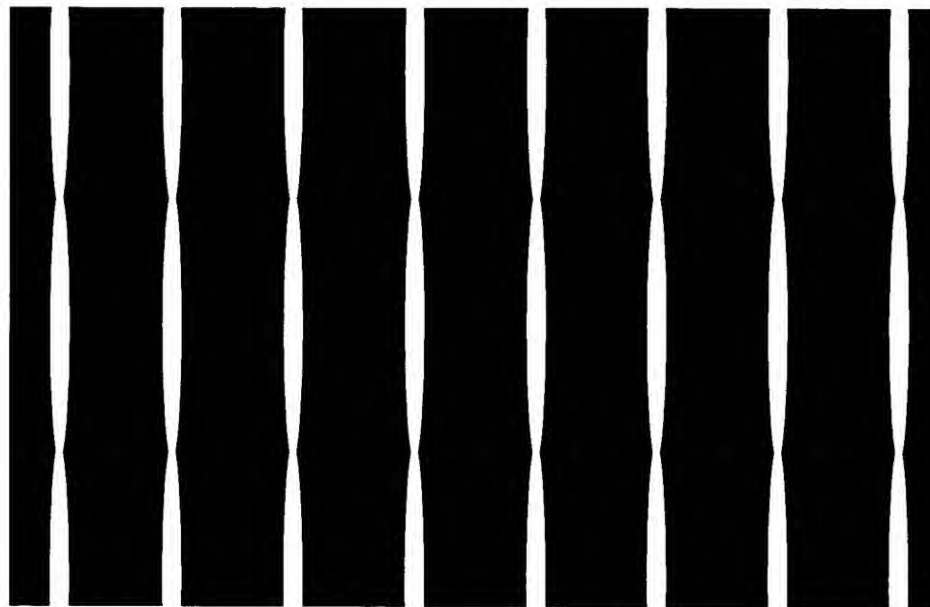


FIG. 37

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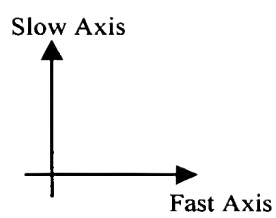
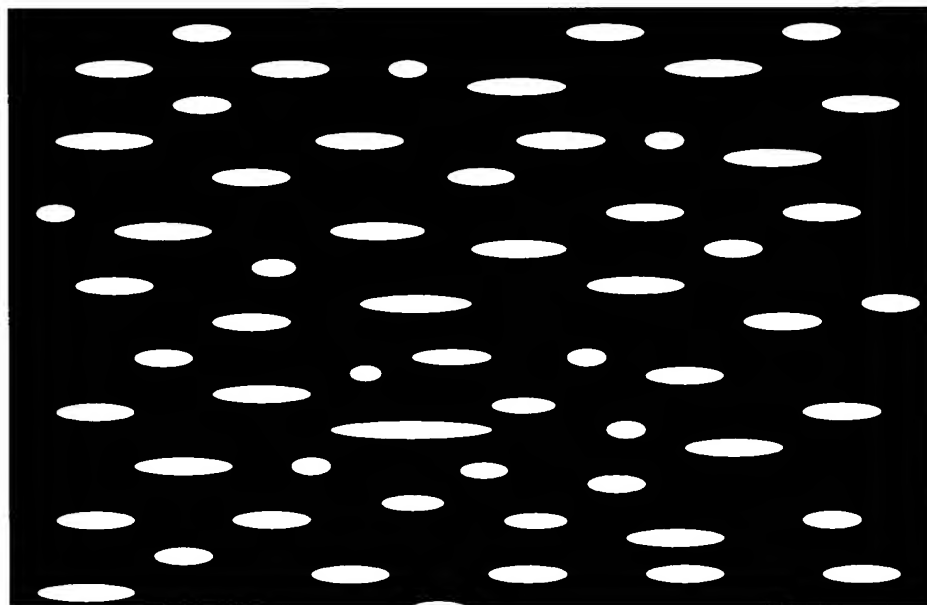


FIG. 38

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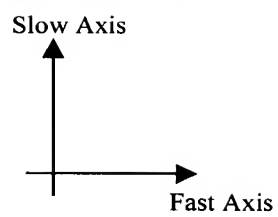


FIG. 39